

INTERNATIONAL SEARCH REPORT

National Application No

PCT/GB 03/04903

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F04D29/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F04D F02C F02B F01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 099 847 A (CARRIER CORP) 1 February 1984 (1984-02-01)	1,6-9, 14-16
X	page 6, line 23 -page 9, line 5; figure 1	17,18, 20-24
A	page 11, line 13 - line 28; figure 2	19
A	US 3 362 624 A (ENDRESS JAMES W) 9 January 1968 (1968-01-09) column 3, line 5 - line 35; figure 1	1,9,17
A	US 3 365 120 A (KURT JASSNIKER) 23 January 1968 (1968-01-23)	1,5,9, 13,17, 18,20
	column 2, line 4 - line 60; figure 1	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the international search

29 June 2004

Date of mailing of the international search report

06/07/2004

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s) -	Publication date
EP 0099847	A	01-02-1984	US AU AU DE DE EP IN JP JP JP KR	4460310 A 548325 B2 1566583 A 3368095 D1 99847 T1 0099847 A1 158399 A1 1689049 C 3051920 B 59015695 A 8700016 B1	17-07-1984 05-12-1985 05-01-1984 15-01-1987 20-06-1984 01-02-1984 08-11-1986 11-08-1992 08-08-1991 26-01-1984 28-01-1987
US 3362624	A	09-01-1968		NONE	
US 3365120	A	23-01-1968	CH FR GB NL NL	413201 A 1429138 A 1106107 A 126489 C 6406513 A	15-05-1966 18-02-1966 13-03-1968 12-11-1965